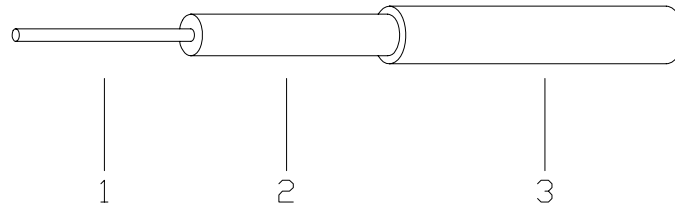


# ANO SR047



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.29
2.Dielectric	PTFE	0.94
3.Outer Conductor	①Copper Tube ②Tin plated Copper Tube ③Silver Plated Copper Tube	1.19

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1000
Voltage Withstanding (VRMS@60Hz)	2000
Moding Frequency(GHz)	109

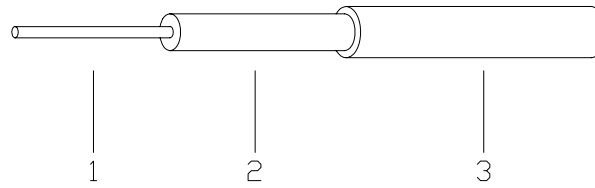
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	4.20
Outer Conductor Integrity Temp.(°C)	175
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	79.0	80.5/67.4/62.2
1.0	113.0	56.6/47.4/43.7
5.0	259.0	24.7/20.7/19.1
10.0	374.0	17.2/14.4/13.3
20.0	544.0	11.9/9.9/9.2

# ANO SR086



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.51
2.Dielectric	PTFE	1.68
3.Outer Conductor	①Copper Tube ②Tin plated Copper Tube ③Silver Plated Copper Tube	2.15

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	61

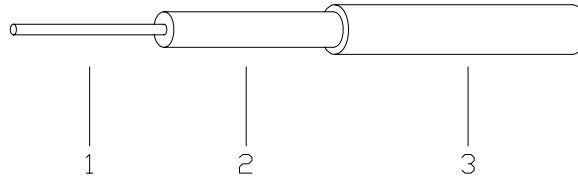
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temp.(°C)	175
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	45.0	232.0/190.3/173.5
1.0	64.0	162.4/133.2/121.5
5.0	151.0	69.8/57.2/52.2
10.0	222.0	47.9/39.3/35.8
20.0	329.0	32.6/26.7/24.3

# ANO SR086 AL/TP



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.51
2.Dielectric	PTFE	1.68
3.Outer Conductor	Tin plated Aluminum Tube	2.15

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	61

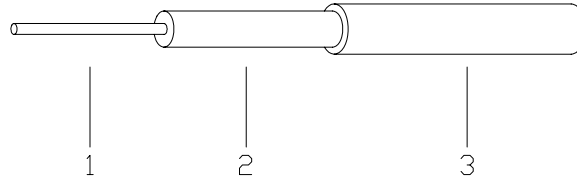
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.5	45.0	173.5
1.0	64.0	121.5
5.0	151.0	52.2
10.0	222.0	35.8
20.0	329.0	24.3

# ANO SR141



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.93
2.Dielectric	PTFE	3.00
3.Outer Conductor	①Copper Tube ②Tin plated Copper Tube ③Silver Plated Copper Tube	3.58

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1900
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	34

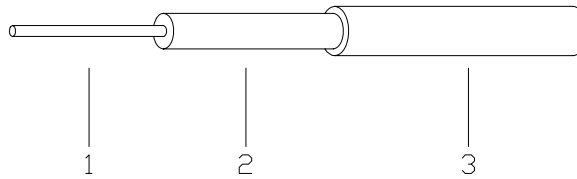
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temp.(°C)	175
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	26.0	600.5/483.5/436.5
1.0	38.0	417.5/336.2/303.4
5.0	91.0	174.4/140.4/126.7
10.0	137.0	117.5/94.6/85.5
20.0	209.0	77.9/62.7/56.6

# ANO SR141 AL/TP



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.94
2.Dielectric	PTFE	3.00
3.Outer Conductor	Tin plated Aluminum Tube	3.58

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1900
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	34

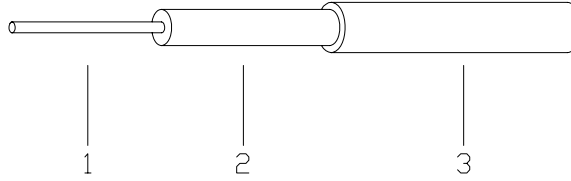
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	12.5
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.5	26.0	436.5
1.0	38.0	303.4
5.0	91.0	126.7
10.0	137.0	85.5
20.0	209.0	56.6

# ANO SR250



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.63
2.Dielectric	PTFE	5.31
3.Outer Conductor	①Copper Tube	6.35
	②Tin Plated Copper Tube	
	③Silver Plated Copper Tube	

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	3000
Voltage Withstanding (VRMS@60Hz)	7500
Moding Frequency(GHz)	19

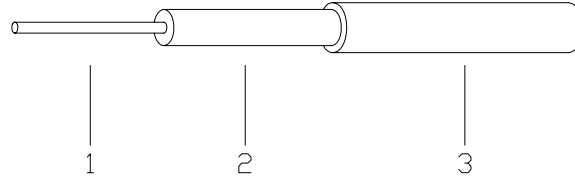
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	22.23
Outer Conductor Integrity Temp.(°C)	175
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power(①/②/③) (Watts CW)
0.5	16.0	1332.1/1061.2/951.6
1.0	23.0	914.6/728.4/653.1
5.0	58.0	364.4/290.0/259.9
10.0	89.0	238.2/189.5/169.8

# ANO SR250 AL/TP



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.63
2.Dielectric	PTFE	5.31
3.Outer Conductor	Tin plated Aluminum Tube	6.35

## Electrical Characteristics

Capacitance(PF/m)	95.1
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	3000
Voltage Withstanding (VRMS@60Hz)	7500
Moding Frequency(GHz)	19

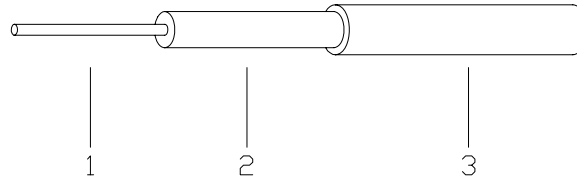
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	22.23
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.5	16.0	962.1
1.0	24.0	661.7
5.0	61.0	265.3
10.0	94.0	174.1

## ANO SR086(Low Loss)



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	0.56
2.Dielectric	LD PTFE	1.68
3.Outer Conductor	Tin plated Copper Tube	2.19

### Electrical Characteristics

Capacitance(PF/m)	87.9
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	2500
Moding Frequency(GHz)	64

### Mechanical Characteristics

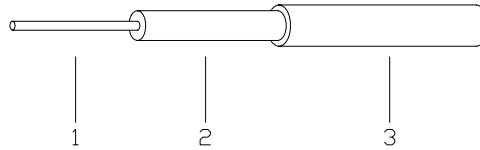
Min.Inside Bend Radius(mm)	9.2
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.1	18.0	824
0.4	35.0	407
1.0	56.0	254
3.0	96.0	143
10.0	178.0	74
18.0	243.0	53



## ANO SR086 AL/TP(Low Loss)



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	0.56
2.Dielectric	LD PTFE	1.68
3.Outer Conductor	Tin plated Aluminum Tube	2.19

### Electrical Characteristics

Capacitance(PF/m)	87.9
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	2500
Moding Frequency(GHz)	64

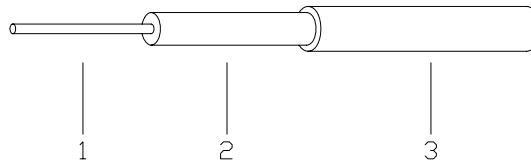
### Mechanical Characteristics

Min.Inside Bend Radius(mm)	9.2
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.1	18.0	824
0.4	35.0	407
1.0	56.0	254
3.0	96.0	143
10.0	178.0	74
18.0	243.0	53

## ANO SR141(Low Loss)



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	0.99
2.Dielectric	LD PTFE	3.00
3.Outer Conductor	Copper Tube	3.58

### Electrical Characteristics

Capacitance(PF/m)	87.9
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1900
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	36

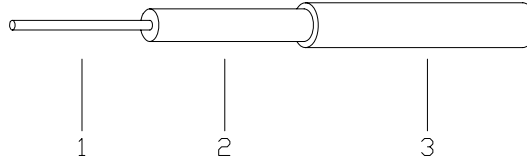
### Mechanical Characteristics

Min.Inside Bend Radius(mm)	15.04
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.1	10.0	1891
0.4	20.0	935
1.0	32.0	584
3.0	55.0	329
10.0	102.0	171
18.0	142.0	123

# ANO SR141 AL/TP(Low Loss)



## Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	0.99
2.Dielectric	LD PTFE	3.00
3.Outer Conductor	Tin Plated Aluminum Tube	3.58

## Electrical Characteristics

Capacitance(PF/m)	87.9
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	1900
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	36

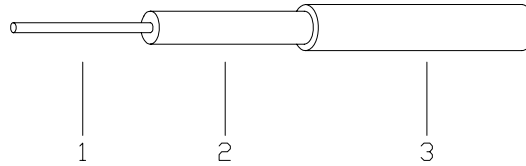
## Mechanical Characteristics

Min.Inside Bend Radius(mm)	15.04
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.1	10.0	1891
0.4	20.0	935
1.0	32.0	584
3.0	55.0	329
10.0	102.0	171
18.0	142.0	123

## ANO SR250 (Low Loss)



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.78
2.Dielectric	LD PTFE	5.33
3.Outer Conductor	Tin Plated Copper Tube	6.35

### Electrical Characteristics

Capacitance(PF/m)	87.9
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	2500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	20

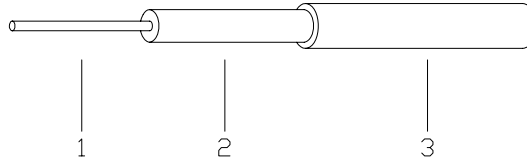
### Mechanical Characteristics

Min.Inside Bend Radius(mm)	30
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.1	6.0	4338
0.4	12.0	2140
1.0	18.0	1332
3.0	32.0	745
10.0	60.0	384
18.0	83.0	274

## ANO SR250 AL/TP(Low Loss)



### Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper	1.78
2.Dielectric	LD PTFE	5.33
3.Outer Conductor	Tin Plated Aluminum Tube	6.35

### Electrical Characteristics

Capacitance(PF/m)	87.9
Impedance(ohm)	50
Corona Extinction Voltage(VRMS@60Hz)	2500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency(GHz)	20

### Mechanical Characteristics

Min.Inside Bend Radius(mm)	30
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

### Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation (dB/100m)	Power (Watts CW)
0.1	6.0	4338
0.4	12.0	2140
1.0	18.0	1332
3.0	32.0	745
10.0	60.0	384
18.0	83.0	274